

**Abstract**

The invention relates to a wear protection coating, in particular an erosion protection coating for gas turbine components.

The wear protection coating (13) is applied to a to-be-protected surface (14) of a flow mechanically stressed component (10).

According to the invention, the wear protection coating (13) has an at least double-layer structure, wherein a first layer (15) is applied to the to-be-protected surface (14) of the component (10) and has a material composition that is adapted to the material composition of the component (10), and wherein a second layer (16) forms an outer cover coat (Fig. 2).